



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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December 6, 2000

To: **Internal File**

From: Daron R. Haddock, Permit Supervisor *DRH*

Re: Technical Field Visit as part of Midterm Review, Genwal Coal Company,  
Crandall Canyon Mine, C/015/032

**Other Attendees:** Mike Suflita, Wayne Western, Bill Malencik, (DOGM)  
Gary Gray, (Genwal)

**Date & Time:** November 21, 2000  
9:50 am to 1:00 pm

## PURPOSE:

To document the status and effectiveness of operational, reclamation, and contemporaneous reclamation practices undertaken on the disturbed area.

## OBSERVATIONS:

The site visit was commenced at the mine office in Huntington. Some of the mine records were reviewed and discussed. There has been some confusion as to the exact acreage of the disturbed area and it was concluded that the appropriate number should be 10.7 acres. Gary will revise the MRP and the Reclamation agreement "Exhibit D" to reflect this.

After traveling to the mine site, the review team accompanied by Mr. Gray, walked the site starting at the upper end and then working our way to the lower end of the site. The site is small and very compact. Much of the disturbed area is paved and gravel cover extends over nearly all the remaining disturbed area. As a result the sediment contributions to the sed pond will be minimized. The pond contained some water but was far from being full. It appeared to be handling any runoff as well as the washdown water that was coming from the crusher/transfer building. There were two drop culverts conveying water into the pond from the crusher/transfer building. One, a blue PVC culvert needs to be shown on the pond designs and maps. Mr. Gray indicated that the pond had never discharged since its construction. It was noted that there was no "Existing Riser Decant with Trash Rack and Skimmer" as indicated on Plate 7-3. Further investigation will need to occur to determine the status of the pond decant.

It was noted that there is a UPDES sampling point in the 12-inch pipe near the road. This pipe conveys the minewater discharge directly into Crandall Creek. This arrangement could result in non-compliance discharges since sampling occurs during a discharge and there would not be adequate time to determine compliance with the UPDES permit. The shotcrete wall on the uphill side of the road leading to the portal is performing as designed. The several Alternate Sediment Control Areas (ASCA) were inspected. They all appear to be performing well. These are mostly undisturbed areas left during original mine site construction. Almost no sediment appears to be generated in the unused area drained by ditch UD-2. The sediment trap at the inlet to C-6 shows almost no sediment. Culvert UD-1 is not shown in its entirety on Plate 7-5. The plate needs to be revised to show the whole culvert. Culvert C-15, which is a slotted culvert across the entrance road, is partially plugged. This requires some maintenance to reduce the possibility of coal fines and sediment being washed down the road and, possibly, into Crandall Creek.

The site visit included a walk to examine the stream above the mine and note the improved habitat. Further enhancement is planned to take place next summer during low flows.

#### **RECOMMENDATIONS/CONCLUSIONS:**

The site is compact and tidy. One issue was identified that requires immediate maintenance. Culvert C-15, which is a slotted culvert across the entrance road, is partially plugged. This requires some maintenance to reduce the possibility of coal fines and sediment being washed down the road and, possibly, into Crandall Creek.

A few other issues were identified for follow up which were centered primarily on making the plan a little clearer. The corrections are as follows:

1. The plan and reclamation agreement should be consistent as to the described disturbed area. It was concluded that the appropriate number should be 10.7 acres. Exhibit "D" and the MRP must be corrected.
2. The blue PVC culvert needs to be shown on the pond designs and maps
3. It was noted that there was no "Existing Riser Decant with Trash Rack and Skimmer" as indicated on Plate 7-3. This needs to be corrected.
4. Culvert UD-1 is not shown in its entirety on Plate 7-5. The plate needs to be revised to show the whole culvert.